

Year 4

Perimeter and area

Can you compare shapes?



Coventry Building Society Arena

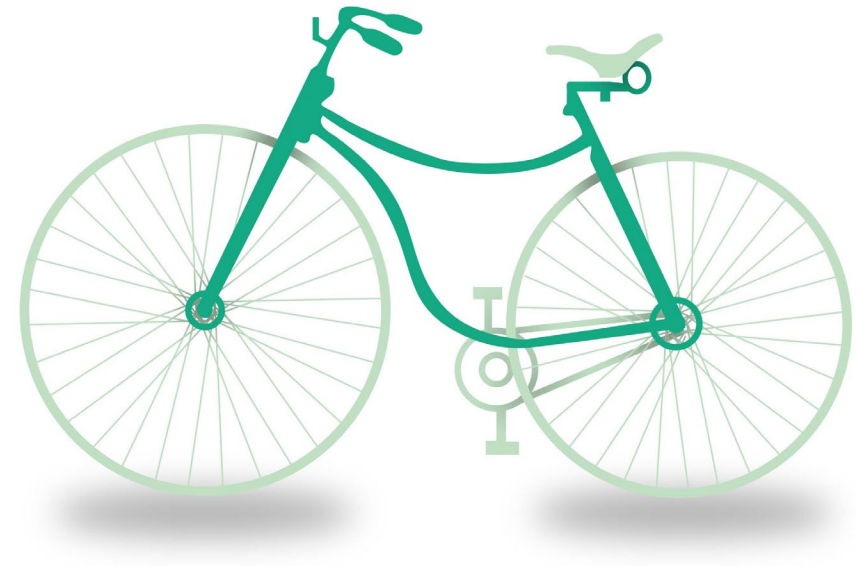
- The Arena has 32,609 seats.
- Wasps and Coventry City Football Club (CCFC) play games at the Arena.
- Music events are held there.
- The complex includes a 6,000 square metre exhibition hall.
- There's also a hotel and casino.



The quiz

You are to take part in a quiz where there are 8 questions. For each question you will be shown 2 shapes. Your task is to guess which one has either the longest perimeter or largest area. Once you've made your guess either calculate the perimeter or area. The shapes will be rooms or facilities you would expect to see in a arena complex like Coventry Building Society Arena.

Can you guess them all right?

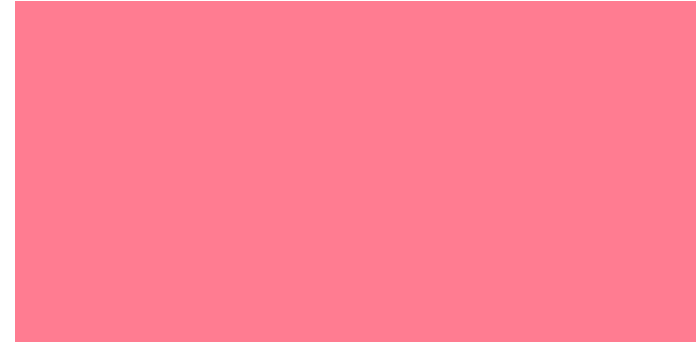


Guess which sports court has the longest perimeter

Tennis court



Volleyball court



Calculate which sports court has the longest perimeter

Tennis court

24m



8m

Volleyball court

18m



9m

Calculate which sports court has the longest perimeter

Tennis court

24m



8m

64m

Volleyball court

18m



9m

Calculate which sports court has the longest perimeter

Tennis court

24m



8m

64m

Volleyball court

18m



9m

54m

Which sports court has the longest perimeter?

Tennis court

Tennis court



24m



8m

64m

Volleyball court



18m

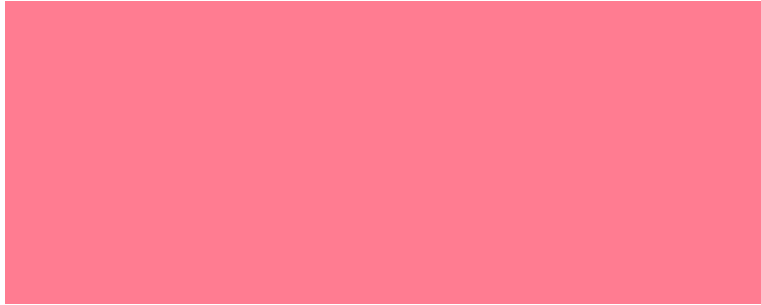


9m

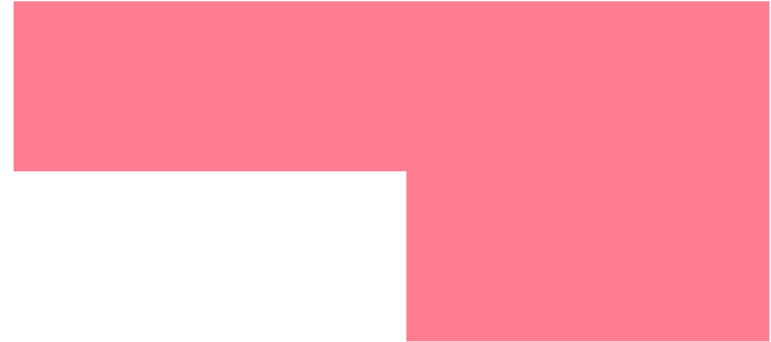
54m

Guess which leisure facility has the longest perimeter

Pool



Gym



Calculate which leisure facility has the longest perimeter

Pool

20m



8m

Gym

20m

4.5m



10m

4.5m

9m

10m

Calculate which leisure facility has the longest perimeter

Pool

20m



8m

56m

Gym

20m

4.5m



10m

4.5m

9m

10m

Calculate which leisure facility has the longest perimeter

Pool

20m



8m

56m

Gym

20m



9m

10m

58m

Which leisure facility has the longest perimeter?

Gym

Pool



20m



8m

56m

Gym



20m

4.5m



9m

10m

4.5m

10m

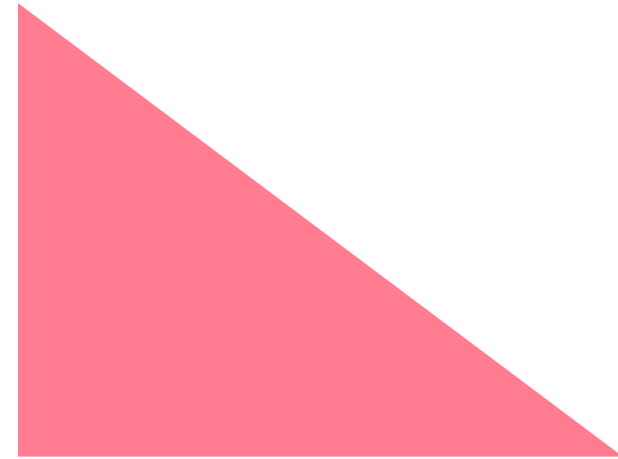
58m

Guess which restaurant has the longest perimeter

Moonlight restaurant

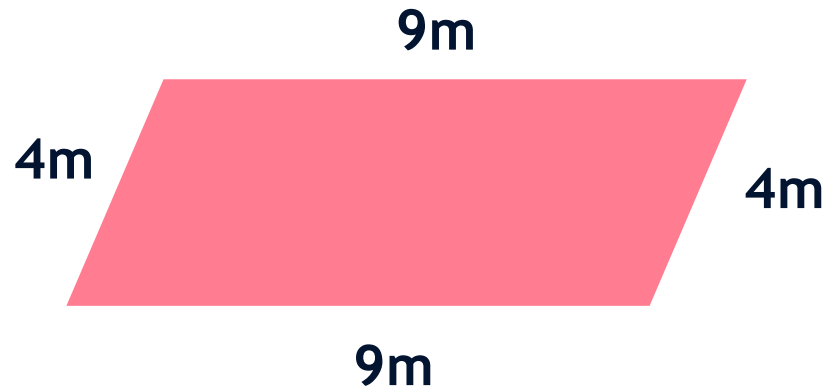


Sunshine cafe

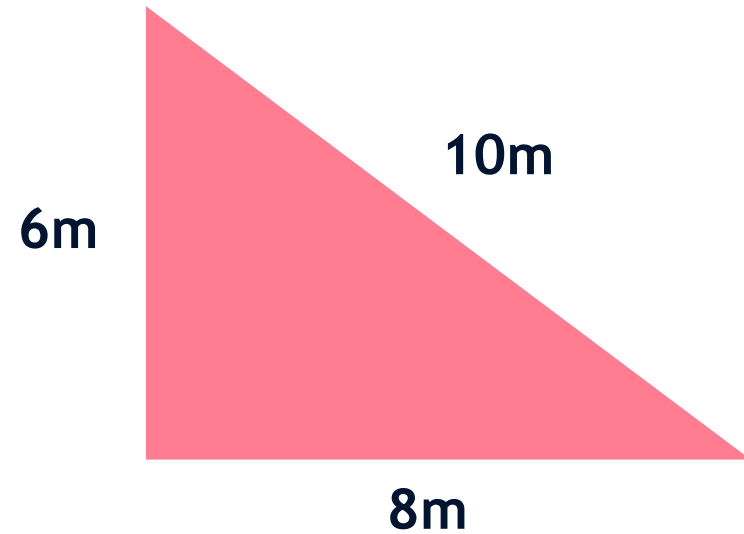


Calculate which restaurant has the longest perimeter

Moonlight restaurant

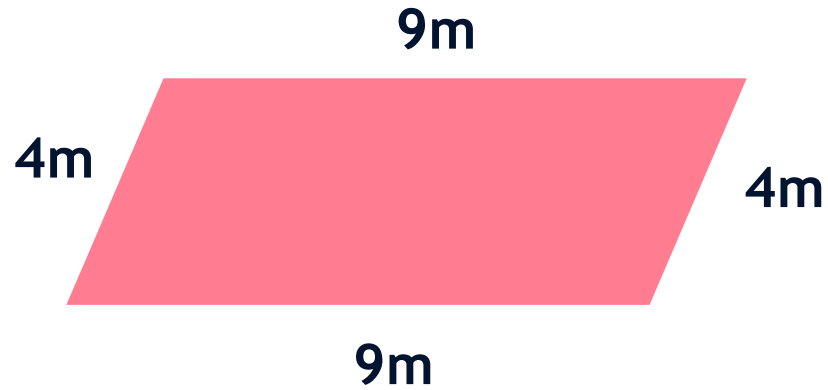


Sunshine cafe



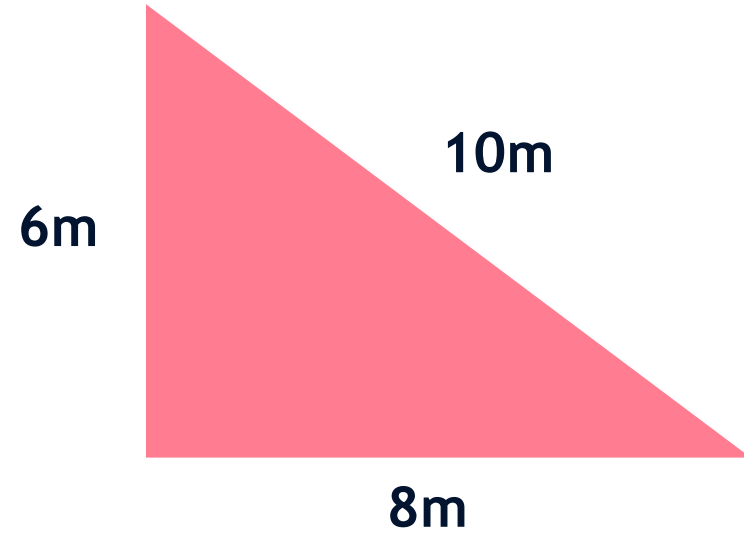
Calculate which restaurant has the longest perimeter

Moonlight restaurant



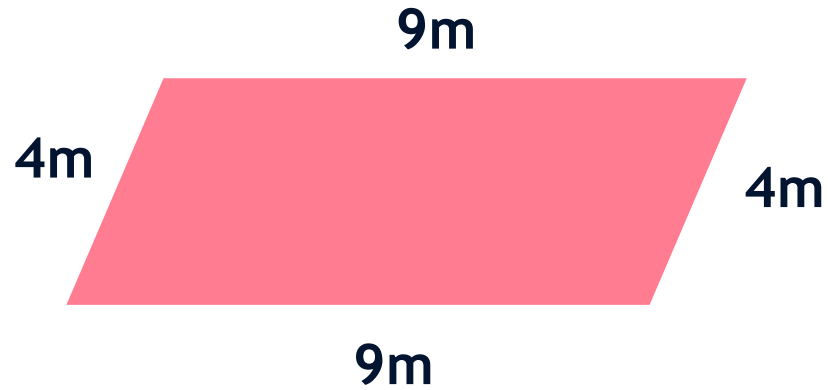
26m

Sunshine cafe



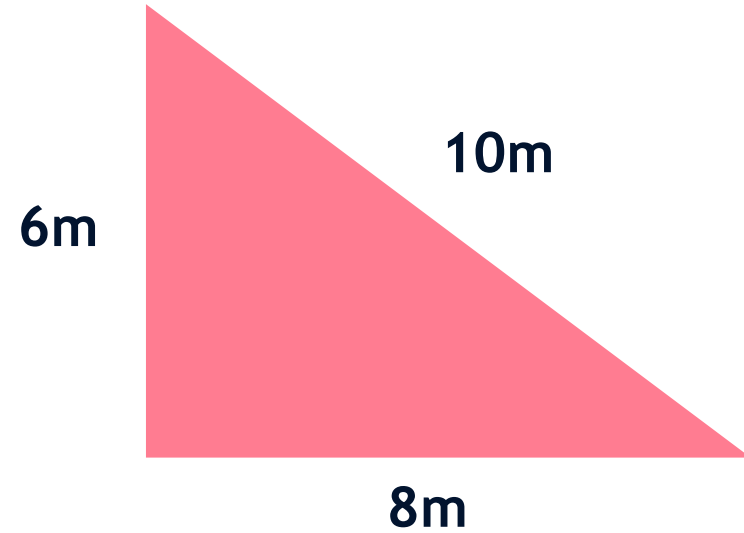
Calculate which restaurant has the longest perimeter

Moonlight restaurant



26m

Sunshine cafe

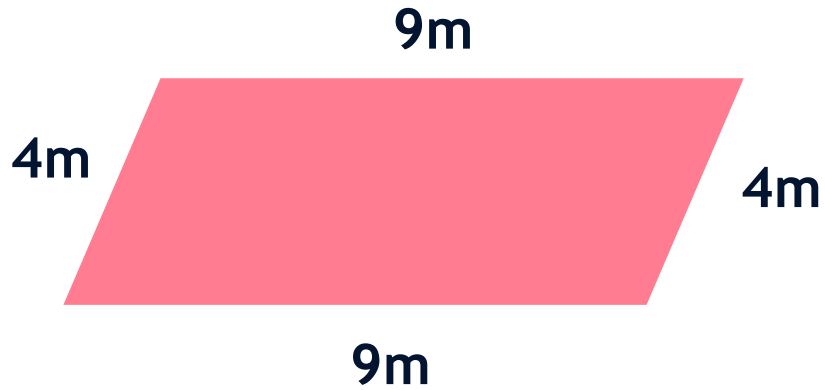


24m

Which restaurant has the longest perimeter?

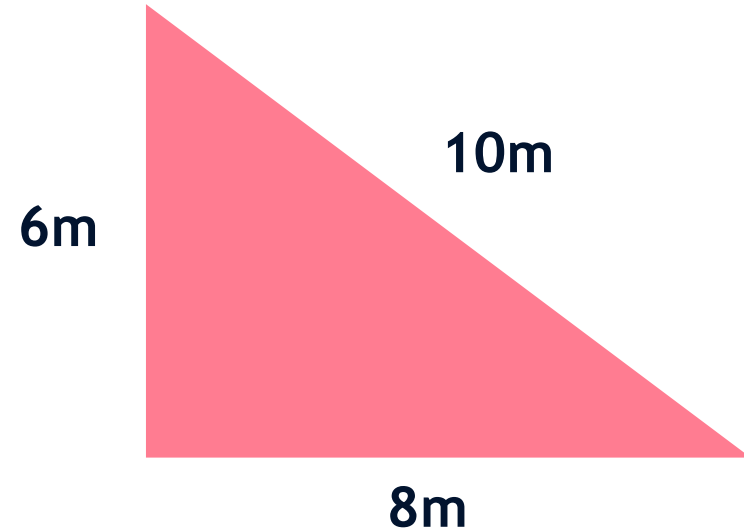
Moonlight restaurant

Moonlight restaurant



26m

Sunshine cafe



24m

Guess which rugby pitch has the longest perimeter

Wasps



Spiders



Calculate which rugby pitch has the longest perimeter

Wasps

120m



68m

Spiders

110m



73m

Calculate which rugby pitch has the longest perimeter

Wasps

120m



68m

376m

Spiders

110m



73m

Calculate which rugby pitch has the longest perimeter

Wasps

120m



68m

376m

Spiders

110m



73m

366m

Which rugby pitch has the longest perimeter?

Wasps

Wasps



120m



68m

376m

Spiders



110m



73m

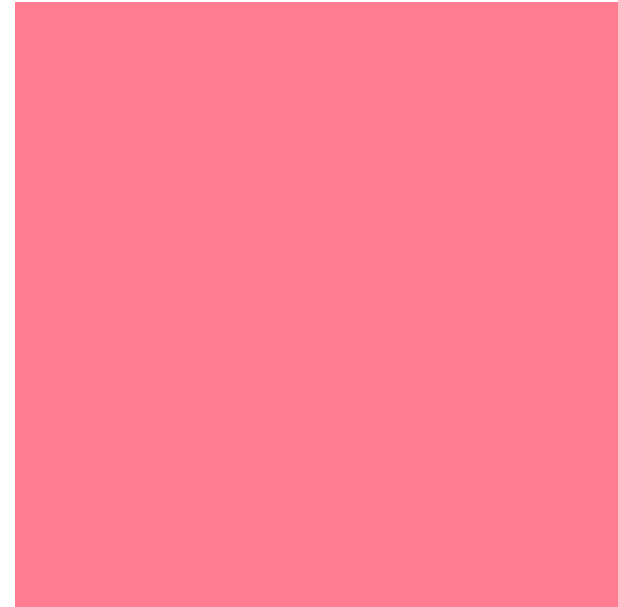
366m

Calculate which meeting room has the largest area

Frank Whittle room

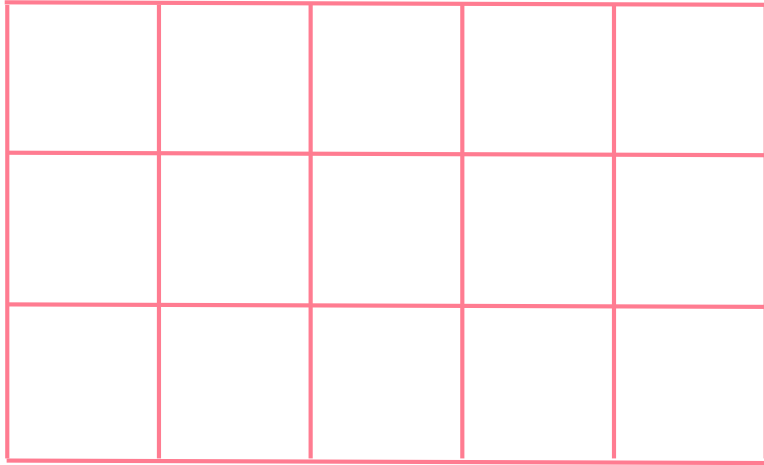


Lady Godiva room

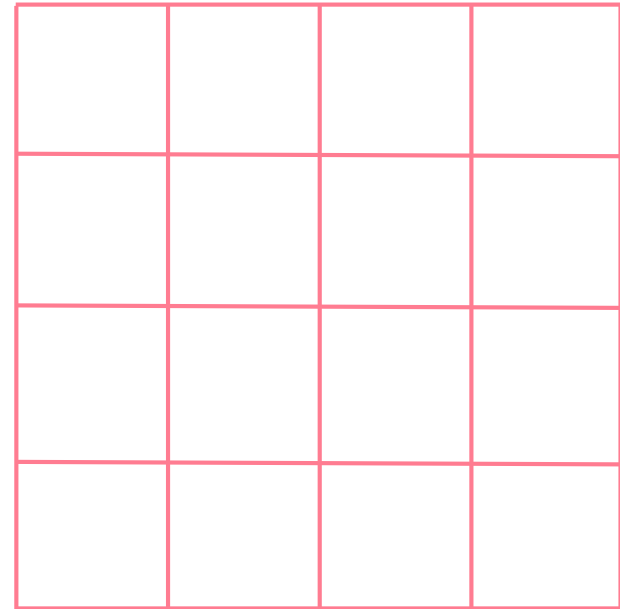


Calculate which meeting room has the largest area

Frank Whittle room

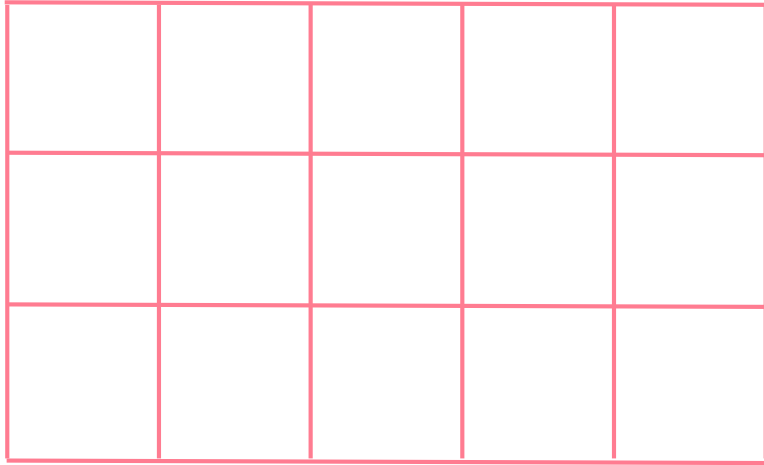


Lady Godiva room



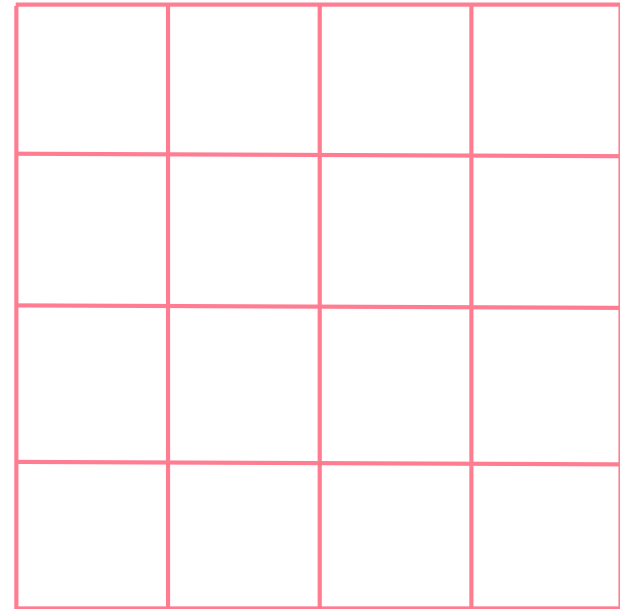
Calculate which meeting room has the largest area

Frank Whittle room



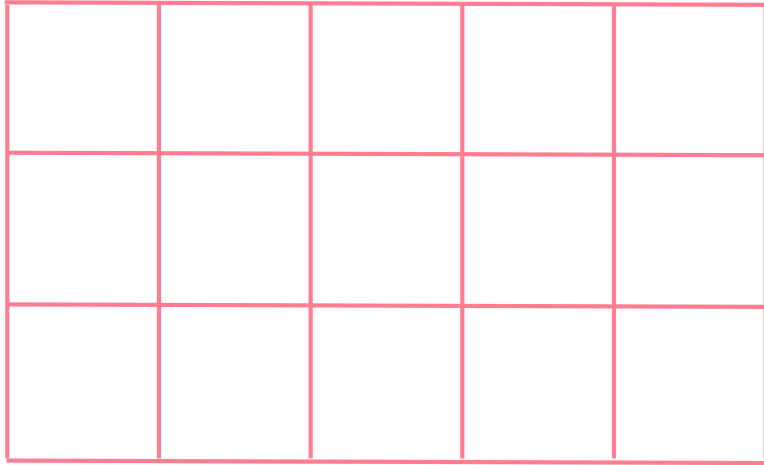
15 squares

Lady Godiva room



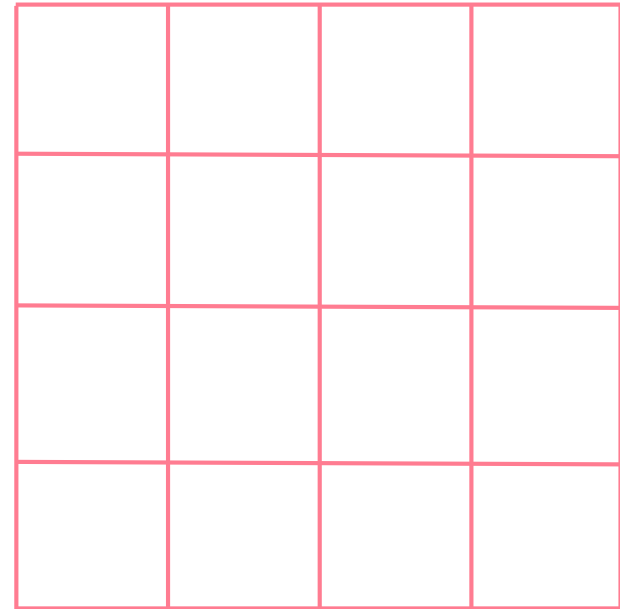
Calculate which meeting room has the largest area

Frank Whittle room



15 squares

Lady Godiva room

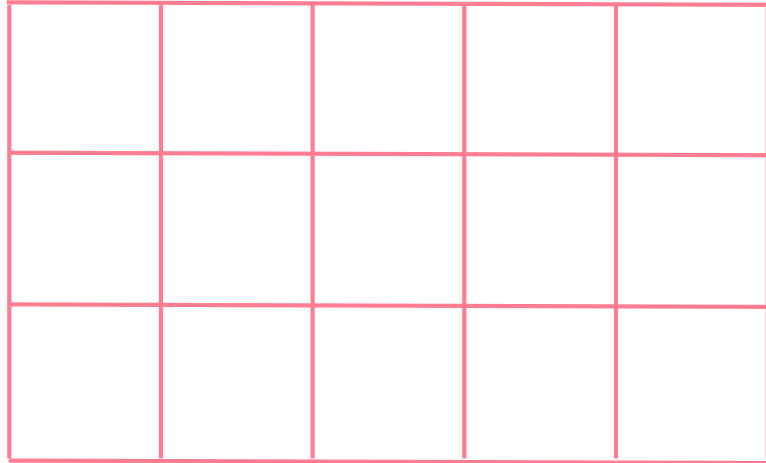


16 squares

Which meeting room has the largest area?

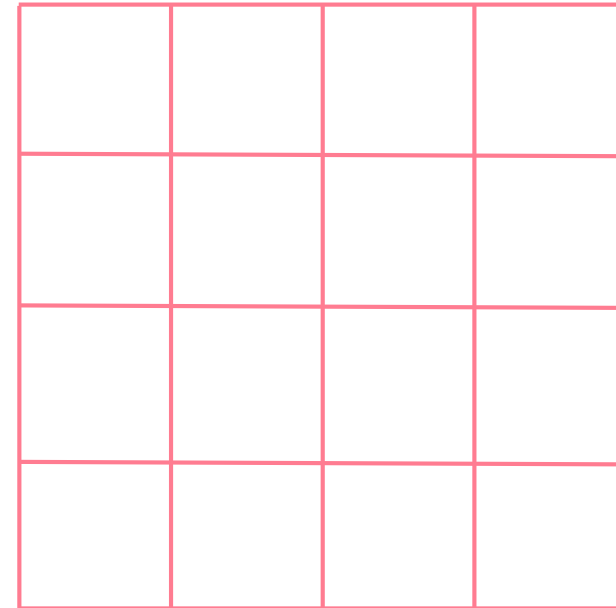
Lady Godiva room

Frank Whittle room



15 squares

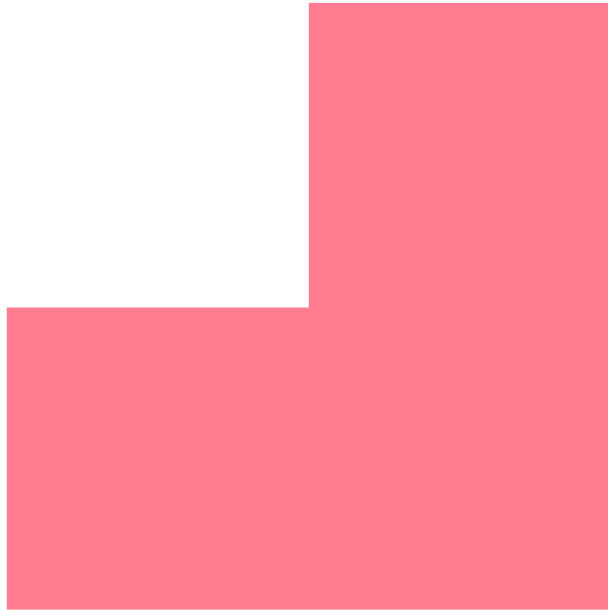
Lady Godiva room



16 squares

Guess which hotel room has the largest area

Deluxe room

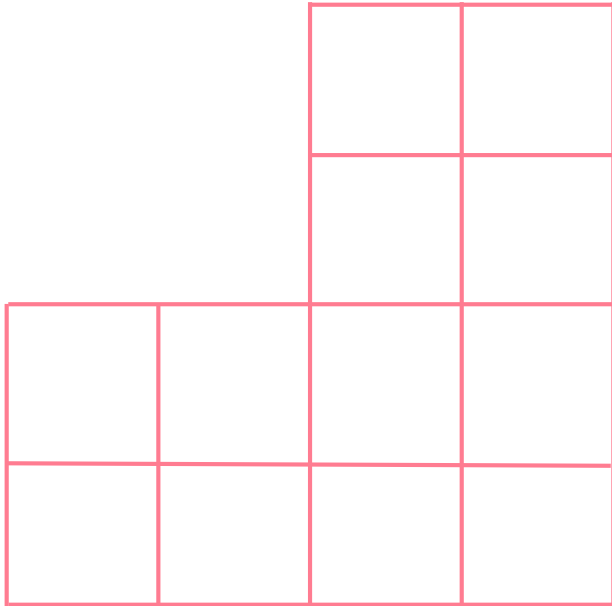


Luxurious room

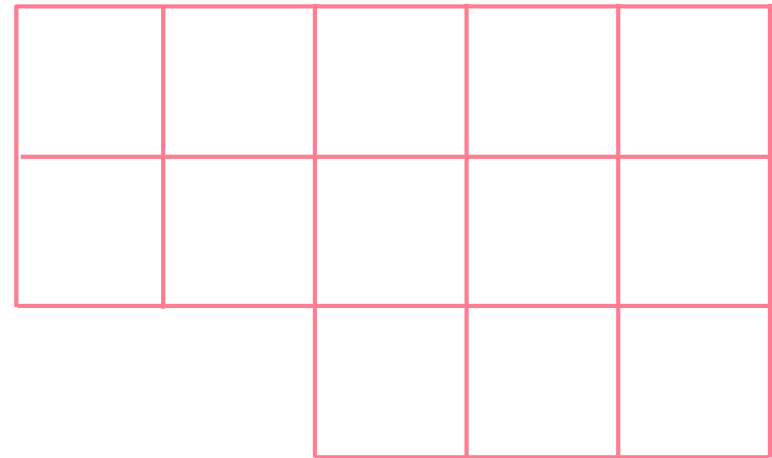


Calculate which hotel room has the largest area

Deluxe room

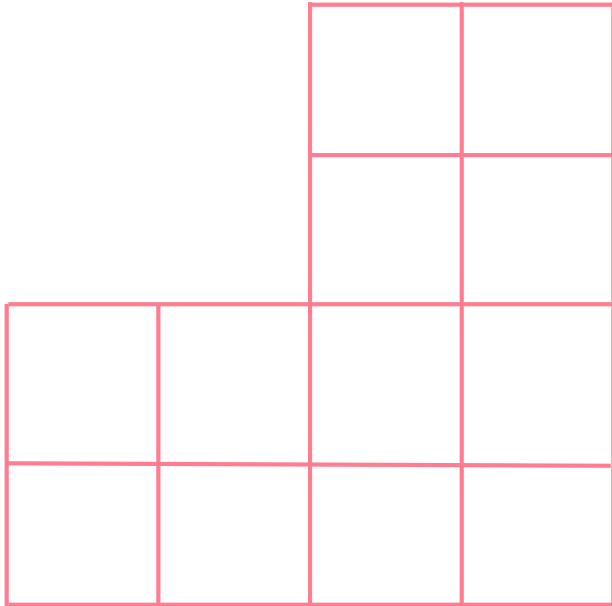


Luxurious room



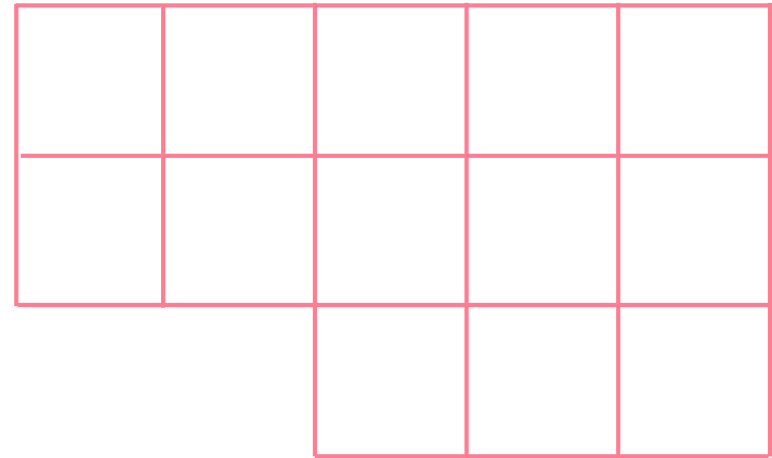
Calculate which hotel room has the largest area

Deluxe room



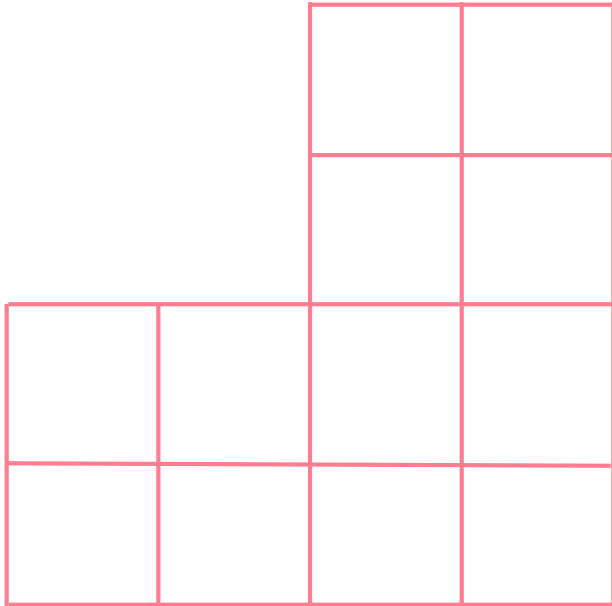
12 squares

Luxurious room



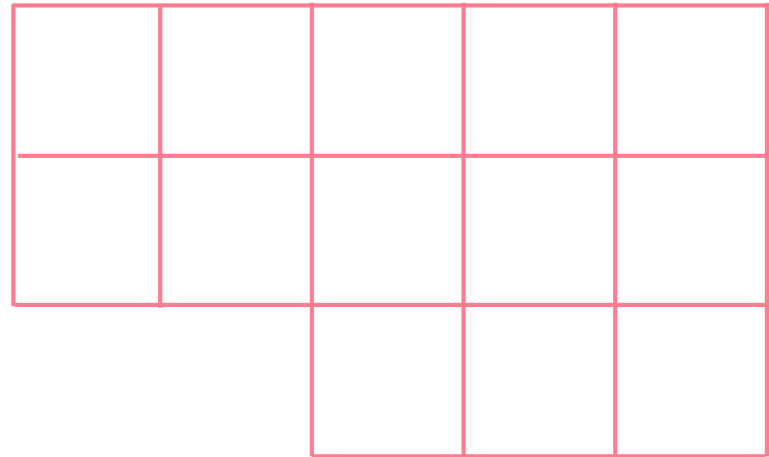
Calculate which hotel room has the largest area

Deluxe room



12 squares

Luxurious room

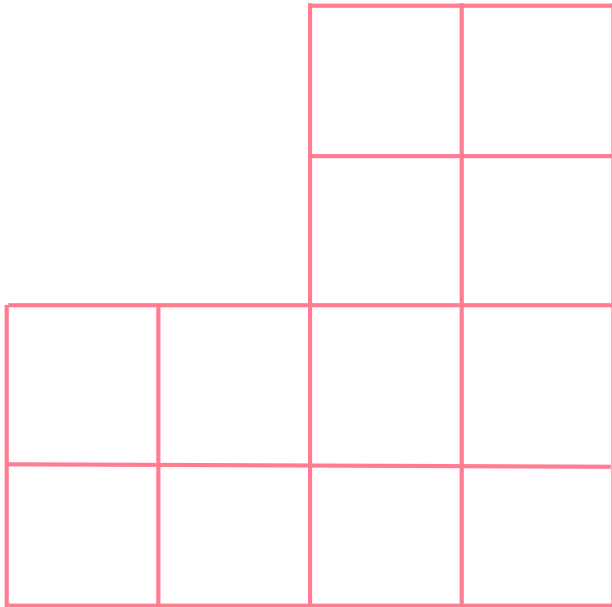


13 squares

Which hotel room has the largest area?

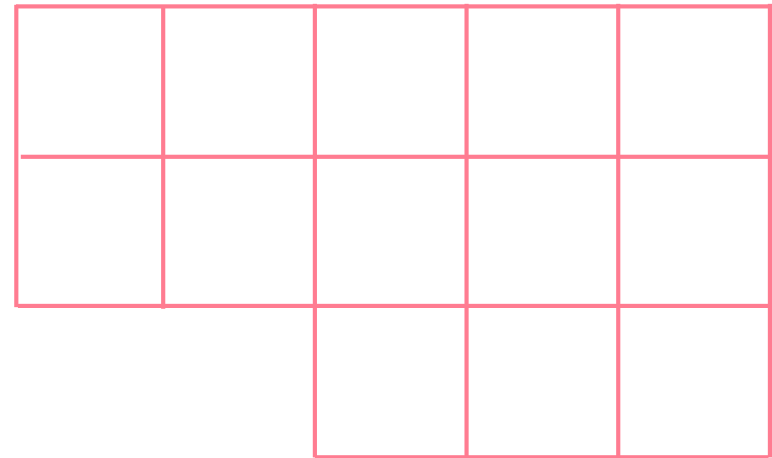
Luxurious room

Deluxe room



12 squares

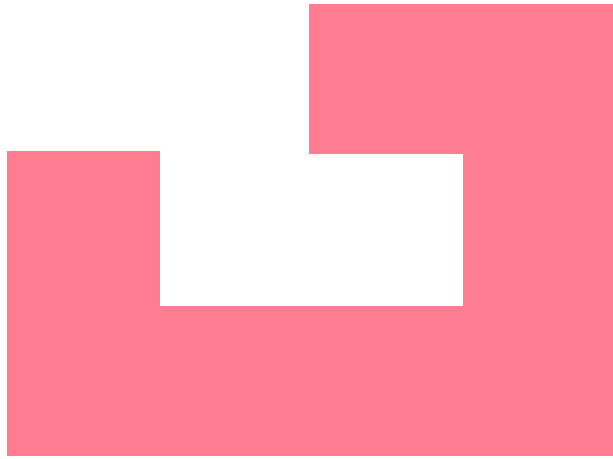
Luxurious room



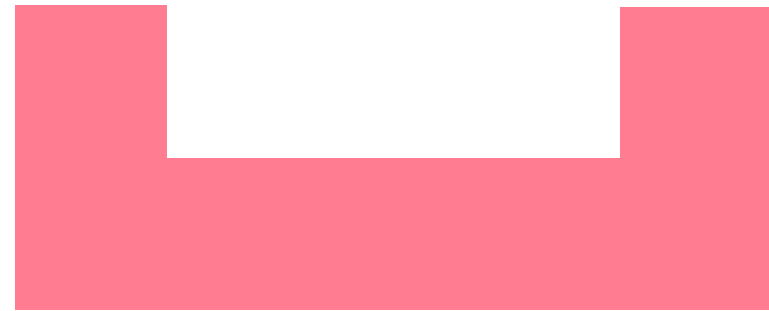
13 squares

Guess which bar has the largest area

Sunshine bar

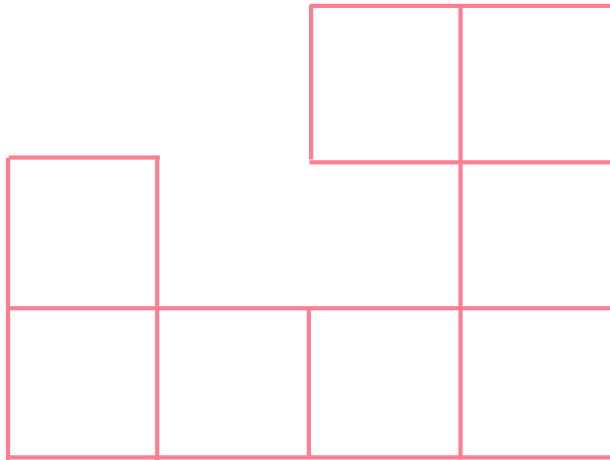


Moonlight bar



Calculate which bar has the largest area

Sunshine bar

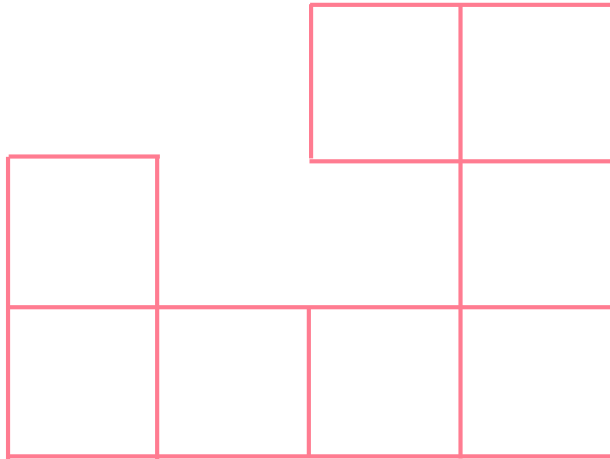


Moonlight bar



Calculate which bar has the largest area

Sunshine bar



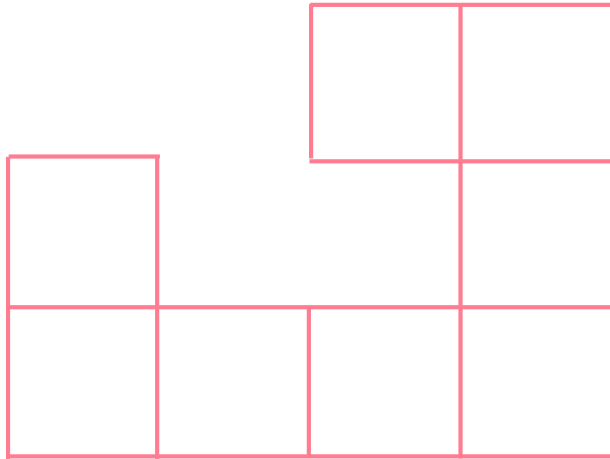
8 squares

Moonlight bar



Calculate which bar has the largest area

Sunshine bar



8 squares

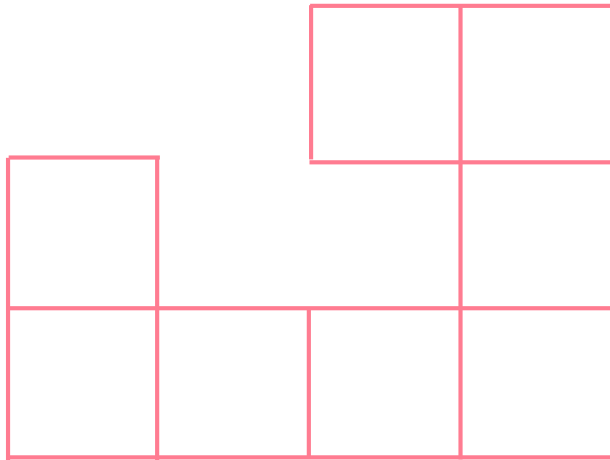
Moonlight bar



7 squares

Which bar has the largest area?

Sunshine bar



8 squares

Sunshine bar

Moonlight bar



7 squares

Guess which car park has the largest area

East car park

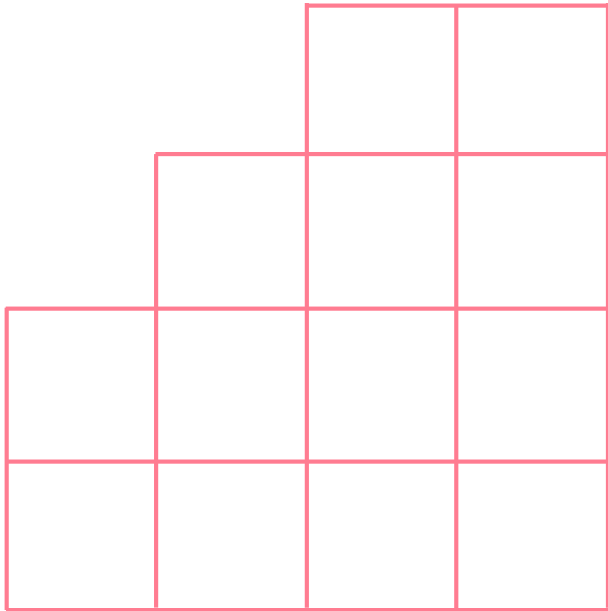


West car park

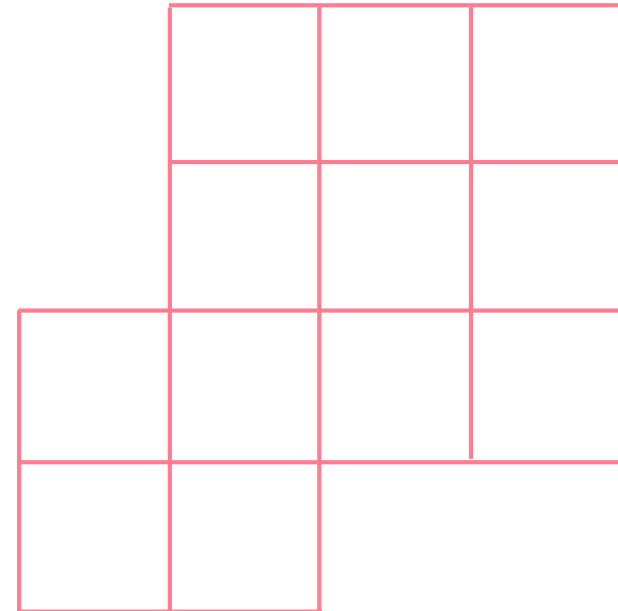


Calculate which car park has the largest area

East car park

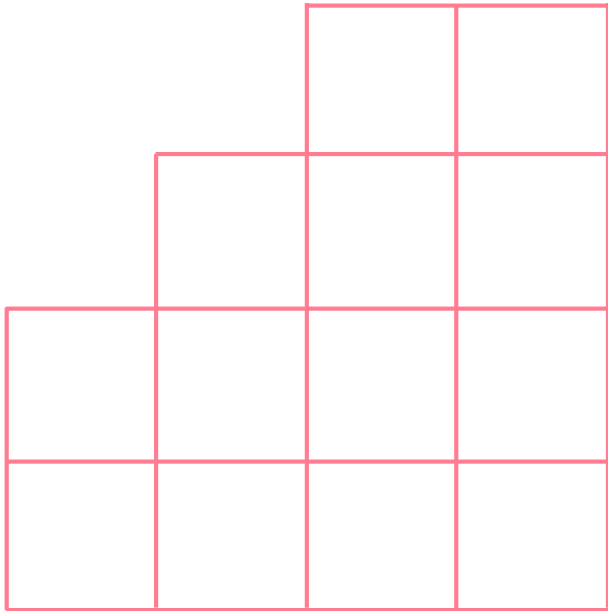


West car park



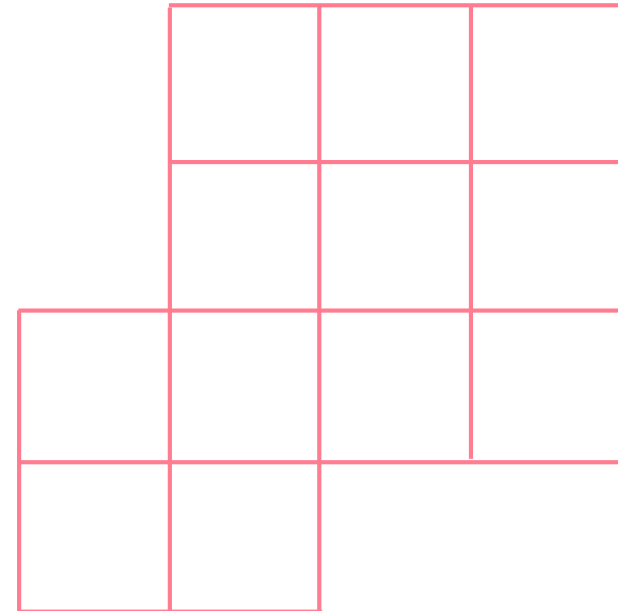
Calculate which car park has the largest area

East car park



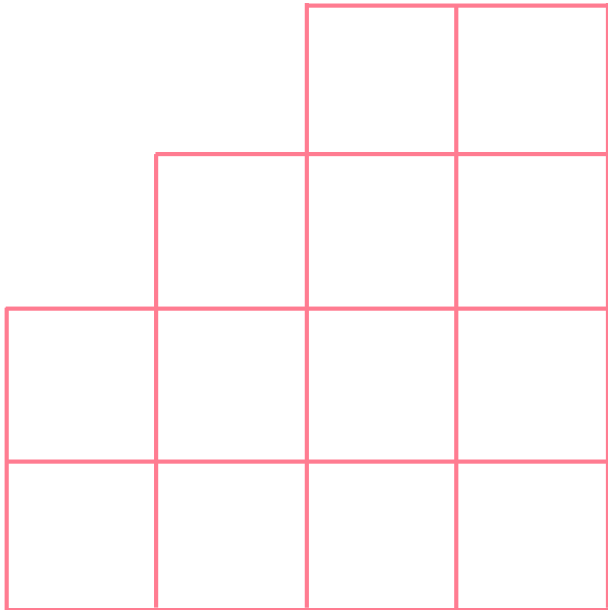
13 squares

West car park



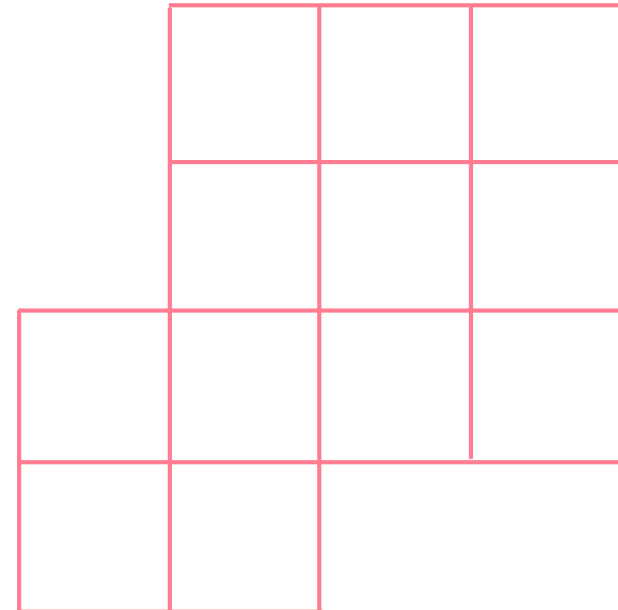
Calculate which car park has the largest area

East car park



13 squares

West car park

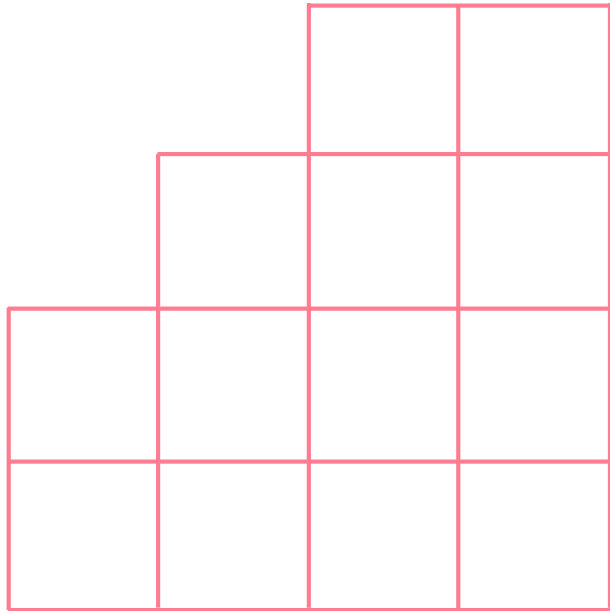


12 squares

Which car park has the largest area?

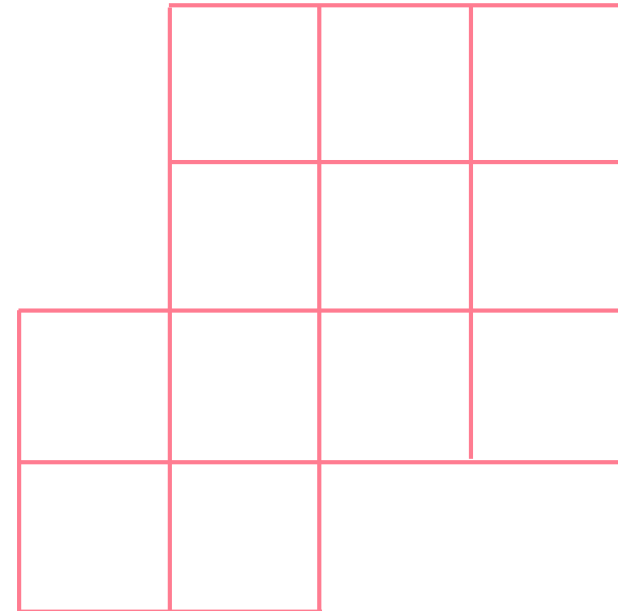
East car park

East car park



13 squares

West car park



12 squares

Did you guess
them all right?

